

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 21:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/22/2023
 Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 01:36:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.422	2.677	212.9E6	89686525	56.581	53.280
28)	SA Decachlor...	8.980	7.868	188.6E6	85912133	55.315	50.867
Target Compounds							
2)	A alpha-BHC	3.879	3.181	317.0E6	133.1E6	58.547	54.174m
3)	MA gamma-BHC...	4.212	3.512	299.9E6	127.0E6	57.060	52.409
4)	MA Heptachlor	4.803	3.855	293.5E6	121.8E6	55.097m	50.965
5)	MB Aldrin	5.147	4.136	285.3E6	120.7E6	54.792	50.342
6)	B beta-BHC	4.412	3.814	124.9E6	52029840	54.397	49.981
7)	B delta-BHC	4.657	4.044	293.3E6	126.5E6	56.095m	51.703
8)	B Heptachlo...	5.579	4.644	246.1E6	109.2E6	52.224	49.080
9)	A Endosulfan I	5.965	5.015	231.3E6	112.5E6	51.788	52.077
10)	B gamma-Chl...	5.836	4.897	253.8E6	110.4E6	52.342	48.287
11)	B alpha-Chl...	5.917	4.962	249.1E6	114.9E6	51.825	49.797
12)	B 4,4'-DDE	6.098	5.160	214.3E6	94932182	51.705	47.812
13)	MA Dieldrin	6.242	5.283	237.3E6	107.5E6	51.135	48.271
14)	MA Endrin	6.472	5.558	191.6E6	93858415	49.812	47.032
15)	B Endosulfa...	6.694	5.854	198.0E6	90786167	49.374	46.628m
16)	A 4,4'-DDD	6.617	5.718	170.7E6	80237291	51.647	48.460
17)	MA 4,4'-DDT	6.935	5.971	185.6E6	83624458	49.359	45.341
18)	B Endrin al...	6.825	6.038	148.4E6	67403612	51.197	45.927
19)	B Endosulfa...	7.062	6.263	199.1E6	89173754	50.695	47.337
20)	A Methoxychlor	7.421	6.557	95655053	45574067	49.056	44.620
21)	B Endrin ke...	7.547	6.768	211.5E6	102.8E6	51.984m	48.309
22)	Mirex	8.025	6.950	169.3E6	83525234	50.261	46.947

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 21:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

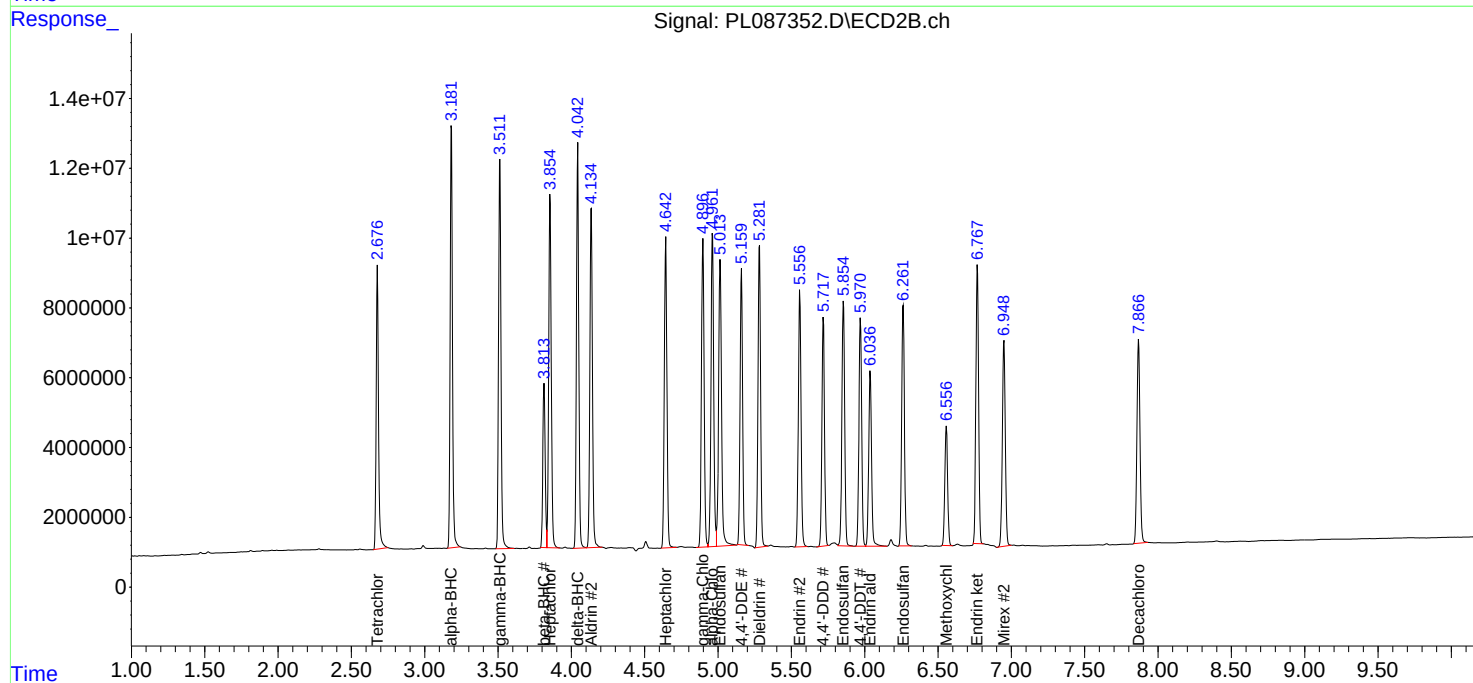
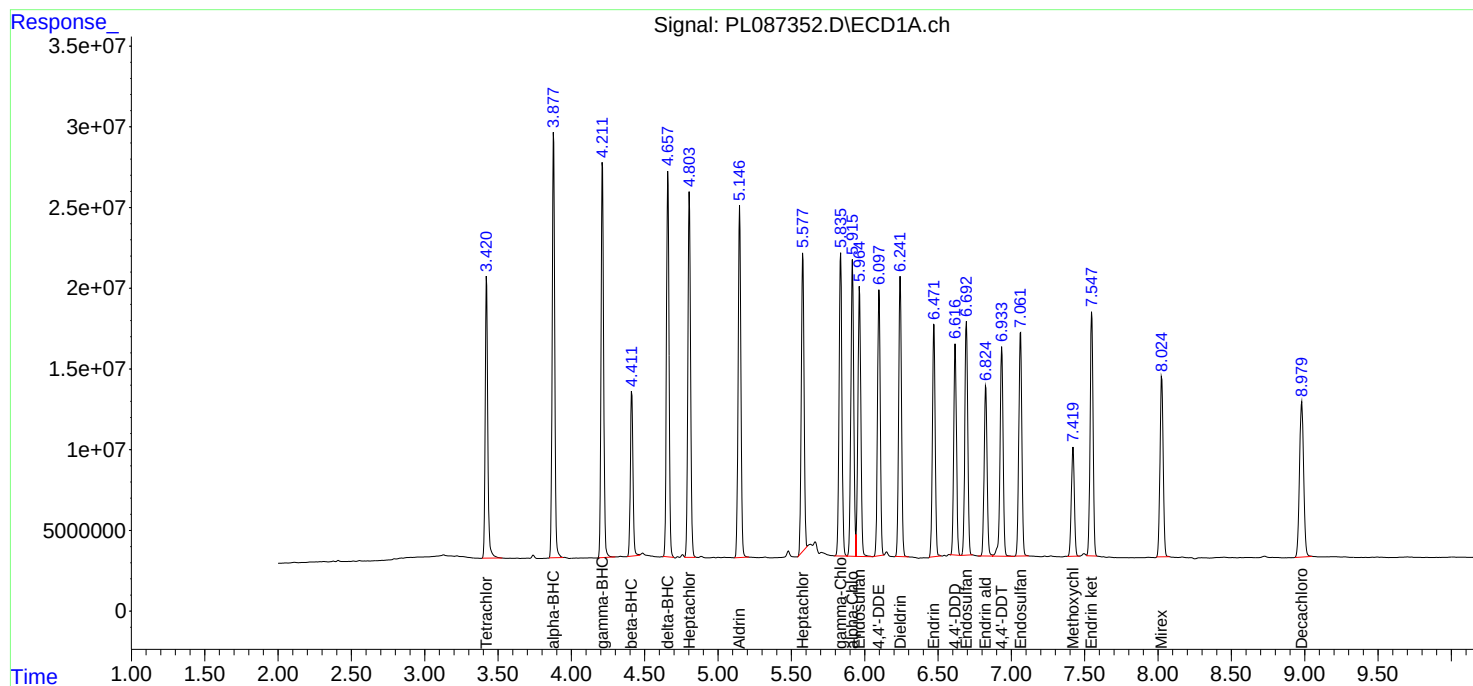
APPROVED

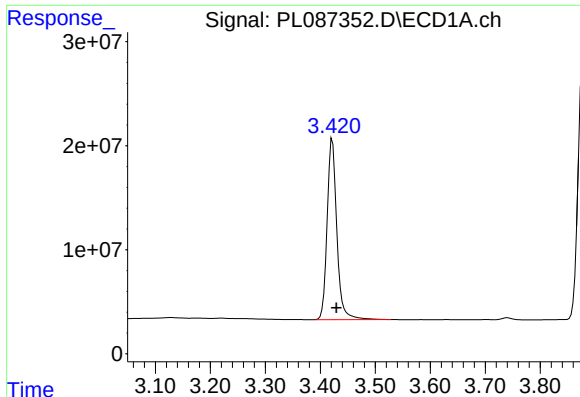
Reviewed By :Abdul Mirza 12/22/2023

Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 01:36:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





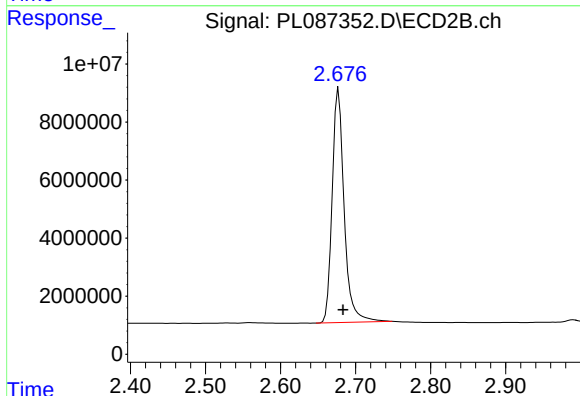
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 212937913
Conc: 56.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

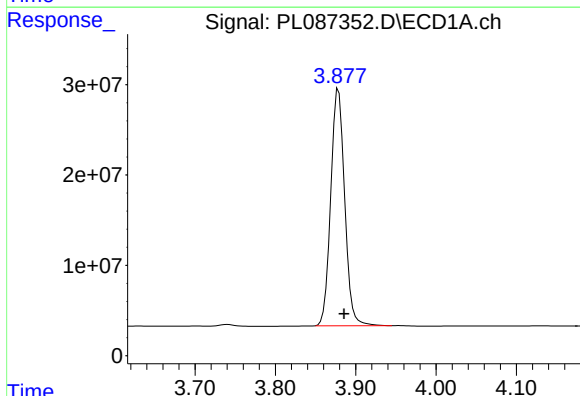
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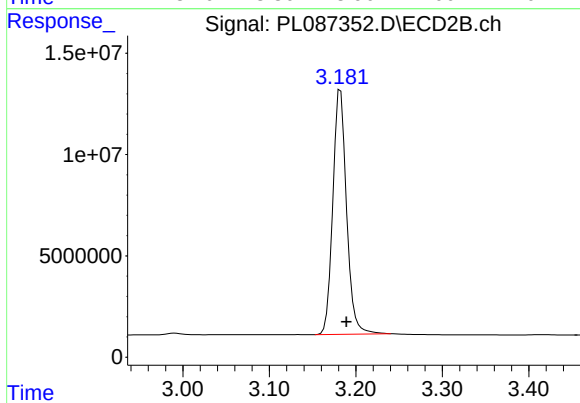
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 89686525
Conc: 53.28 ng/ml



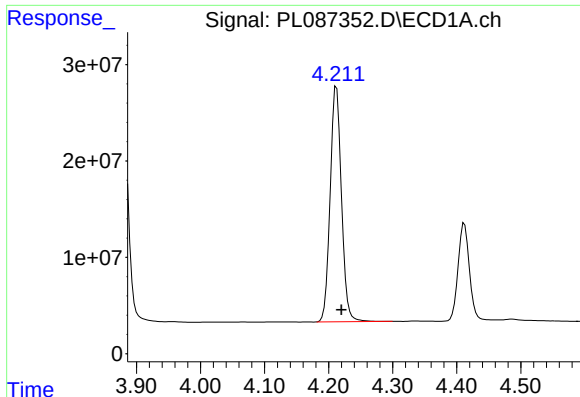
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 316982592
Conc: 58.55 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 133138550
Conc: 54.17 ng/ml m



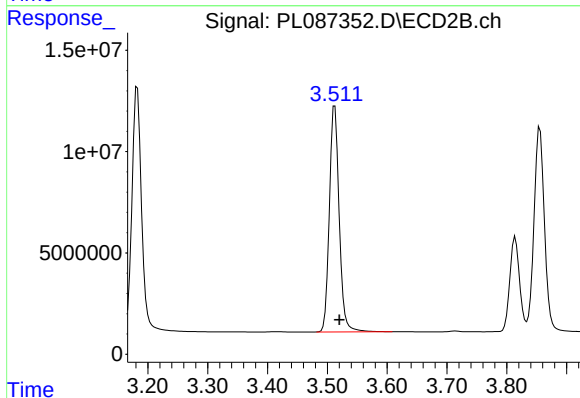
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.007 min
Response: 299888852
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

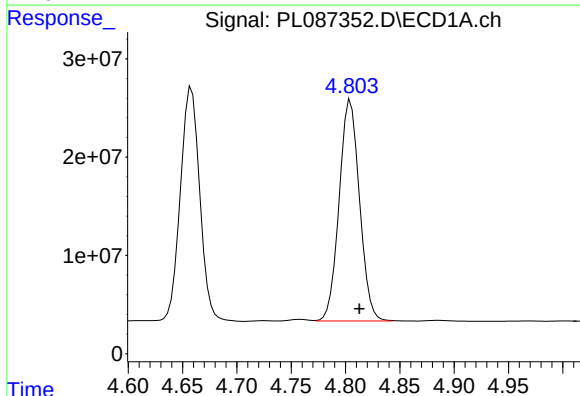
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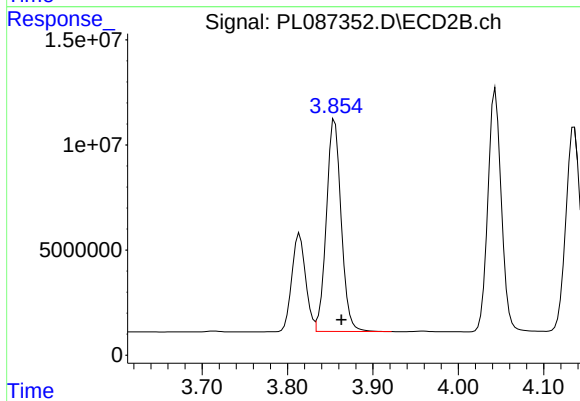
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 126956642
Conc: 52.41 ng/ml



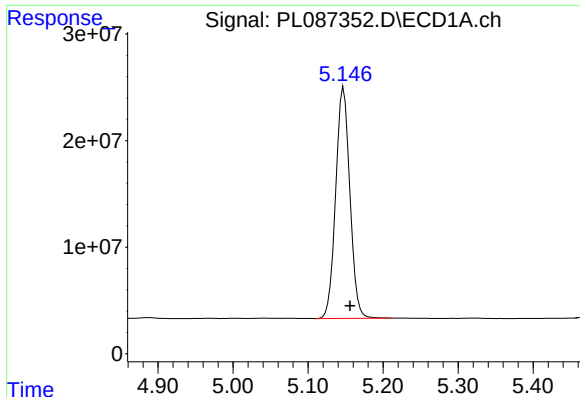
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 293481336
Conc: 55.10 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 121821131
Conc: 50.96 ng/ml



#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 285268756
Conc: 54.79 ng/ml

Instrument :

ECD_L

ClientSampleId :

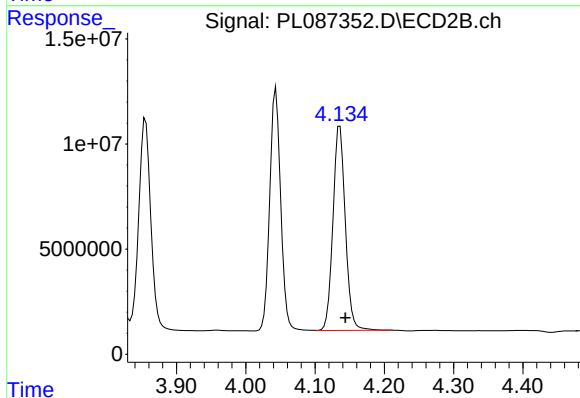
PSTDCCC050

Manual Integrations

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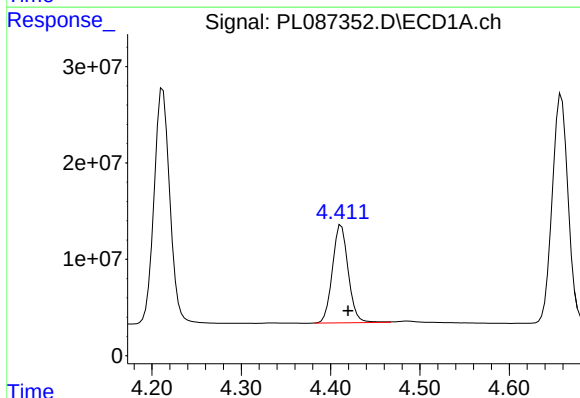
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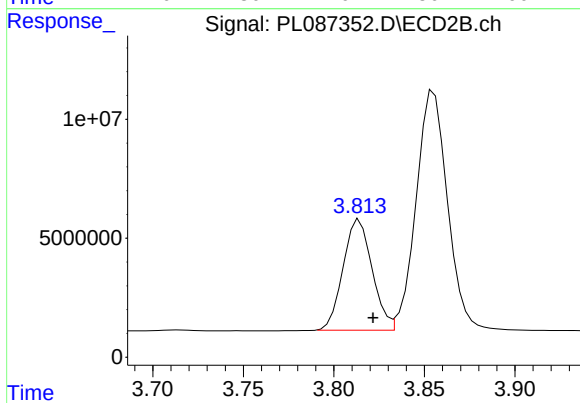
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 120708535
Conc: 50.34 ng/ml



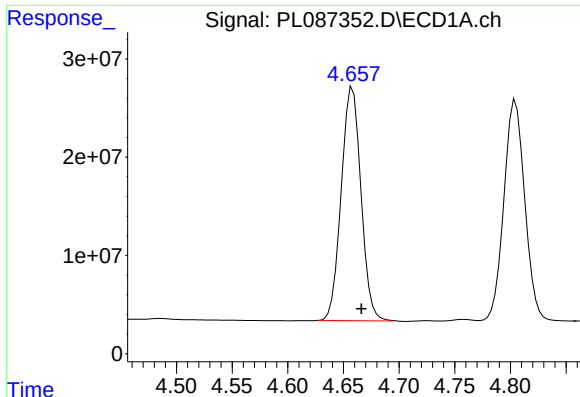
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 124939488
Conc: 54.40 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 52029840
Conc: 49.98 ng/ml



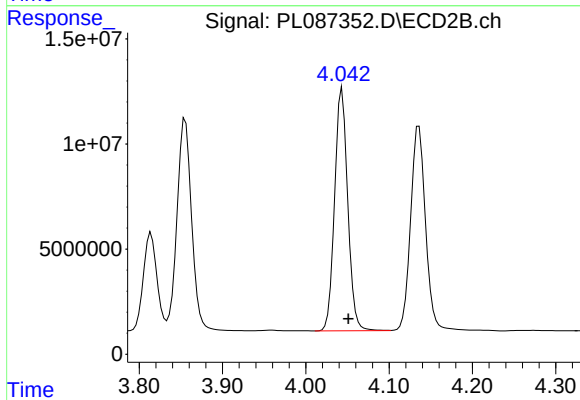
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 293341537
Conc: 56.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

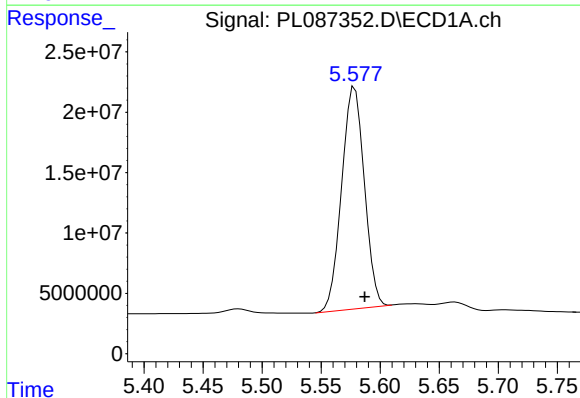
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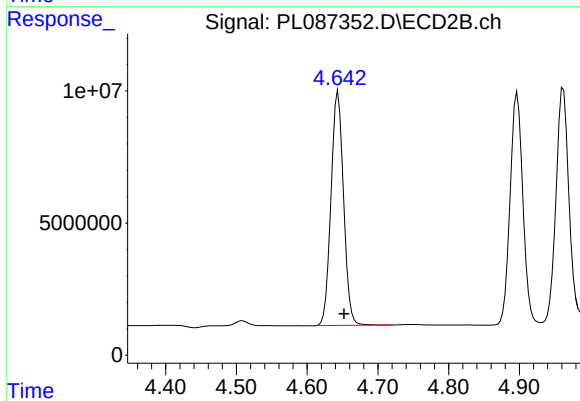
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.008 min
Response: 126475643
Conc: 51.70 ng/ml



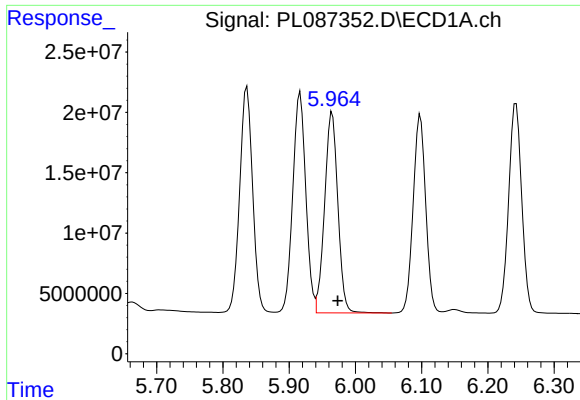
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 246123778
Conc: 52.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 109218876
Conc: 49.08 ng/ml



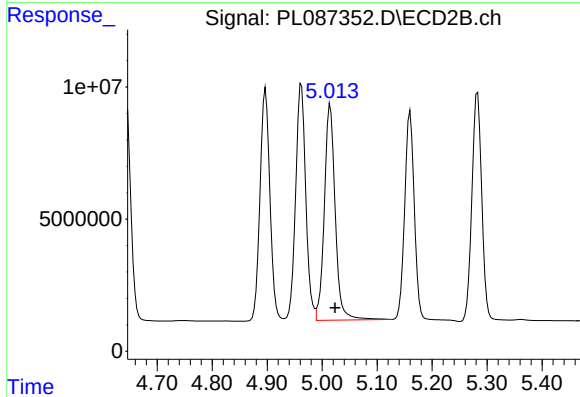
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 231301878
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

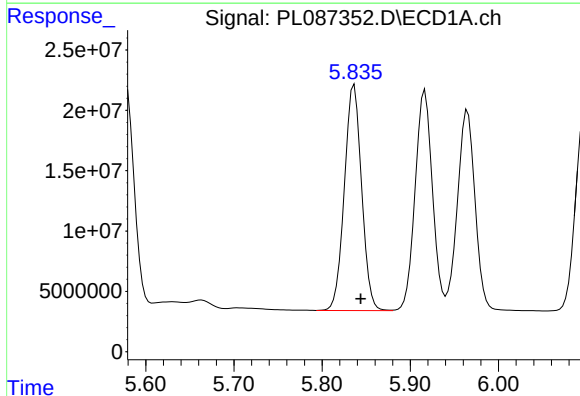
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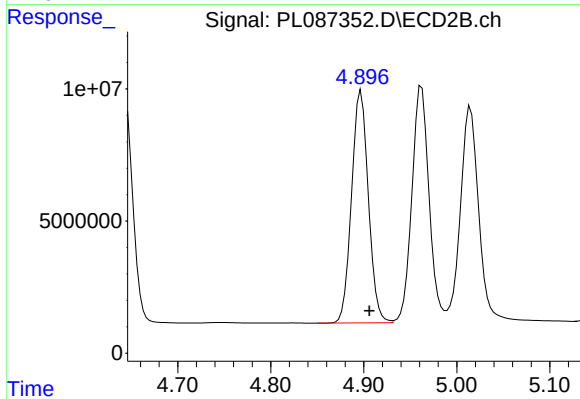
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 112547397
Conc: 52.08 ng/ml



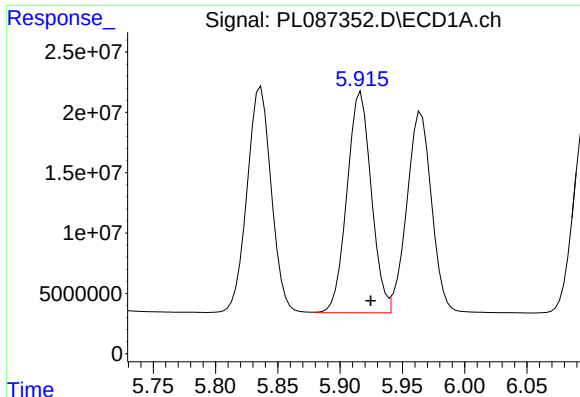
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.007 min
Response: 253757088
Conc: 52.34 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 110448779
Conc: 48.29 ng/ml



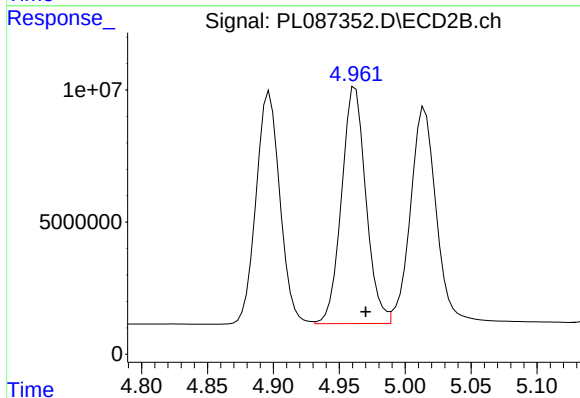
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.008 min
Response: 249078492
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

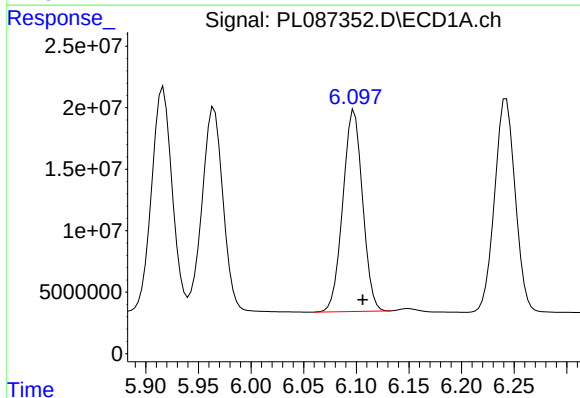
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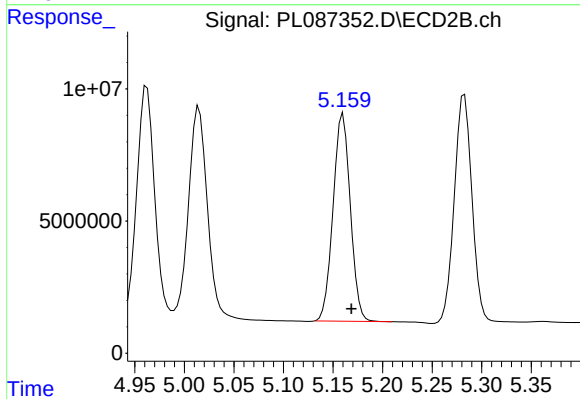
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 114931797
Conc: 49.80 ng/ml



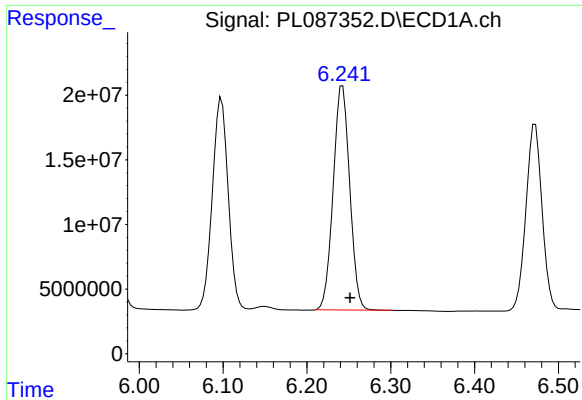
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 214269283
Conc: 51.71 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.008 min
Response: 94932182
Conc: 47.81 ng/ml



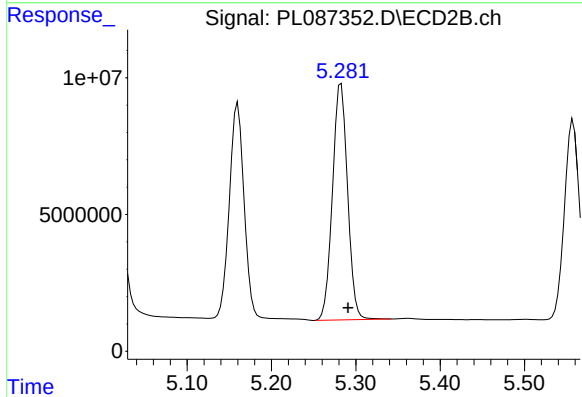
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 237311247
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

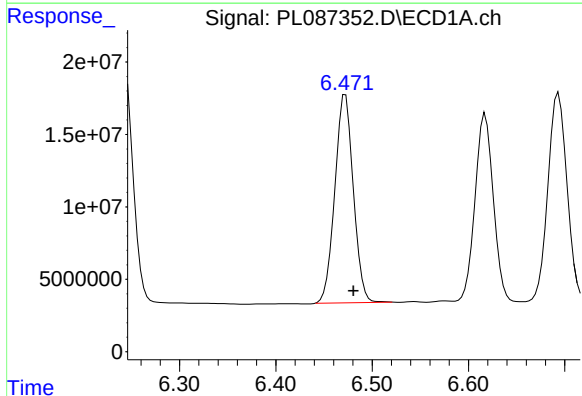
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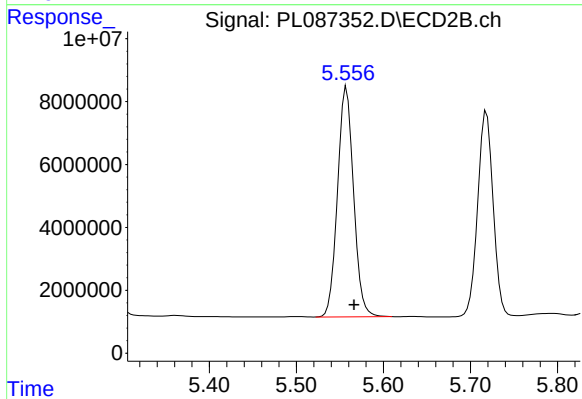
#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: -0.008 min
Response: 107536246
Conc: 48.27 ng/ml



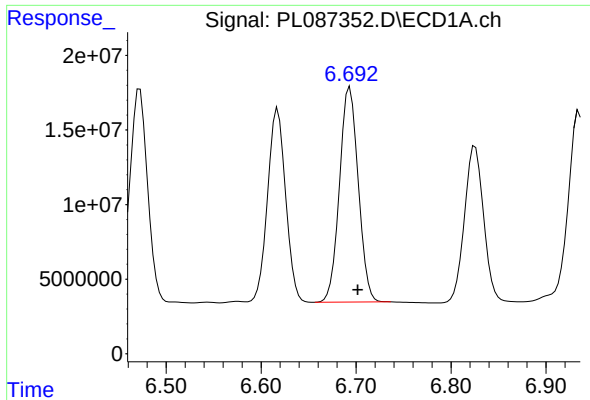
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 191644115
Conc: 49.81 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.008 min
Response: 93858415
Conc: 47.03 ng/ml



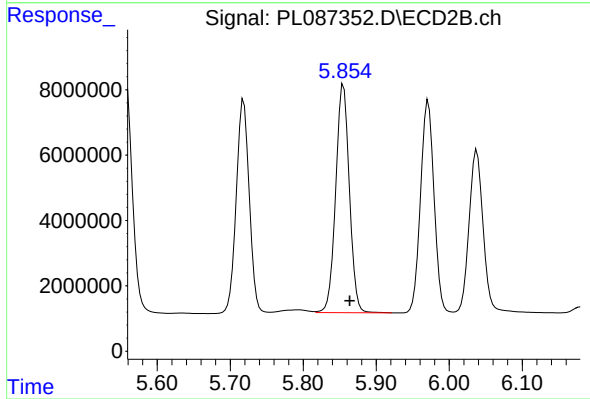
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 198009103
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

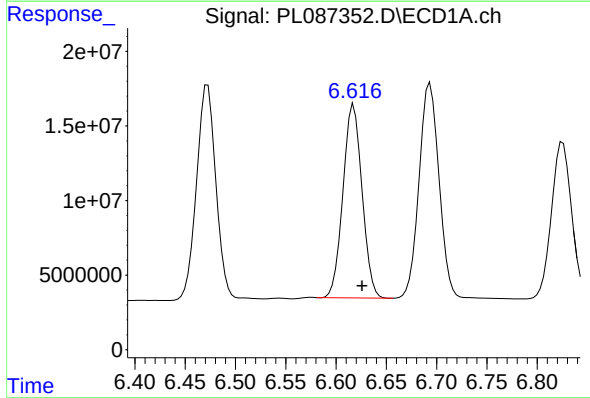
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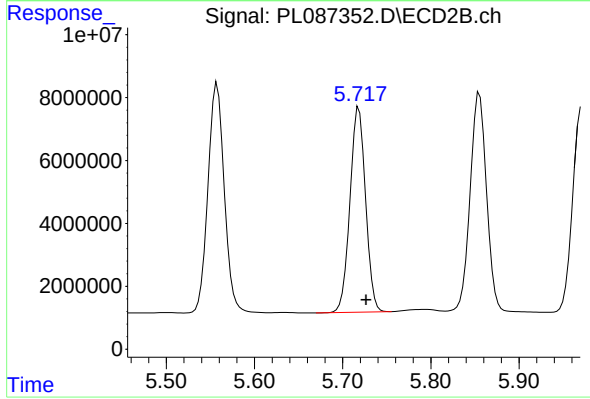
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 90786167
Conc: 46.63 ng/ml m



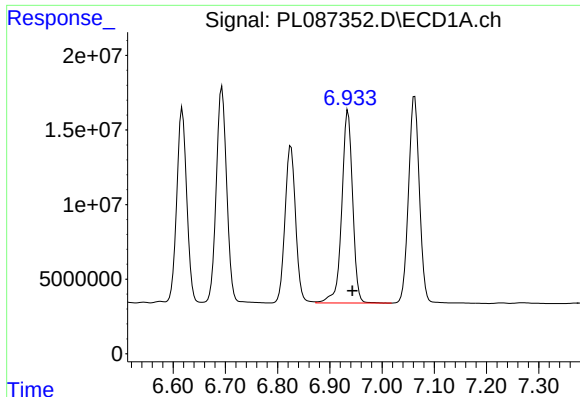
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.008 min
Response: 170699473
Conc: 51.65 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.008 min
Response: 80237291
Conc: 48.46 ng/ml



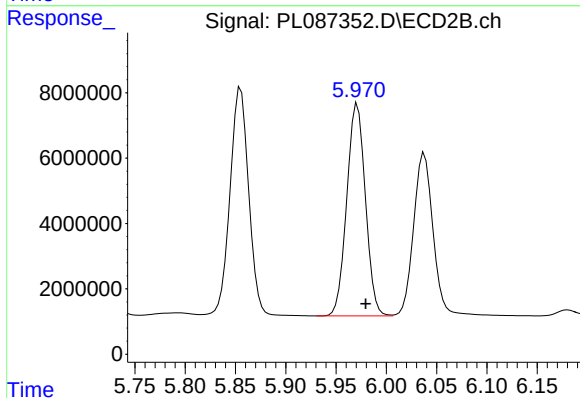
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.009 min
Response: 185602064
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

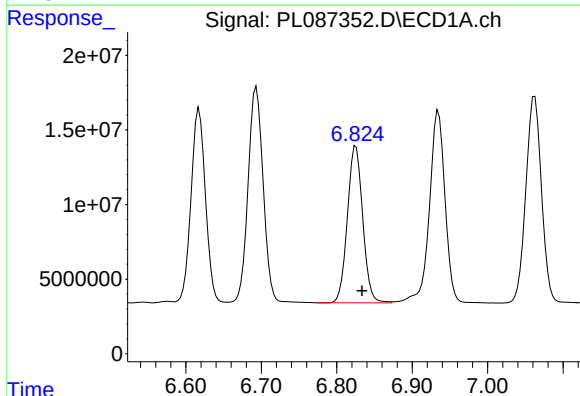
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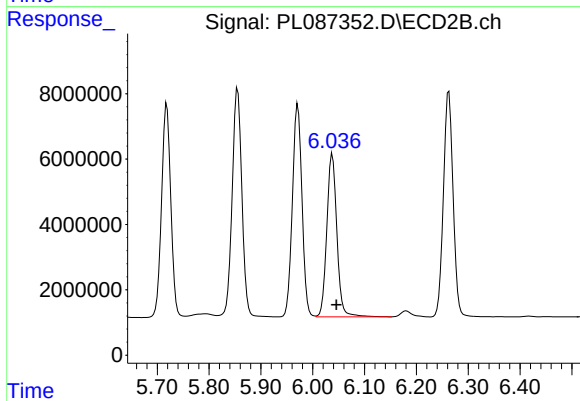
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.008 min
Response: 83624458
Conc: 45.34 ng/ml



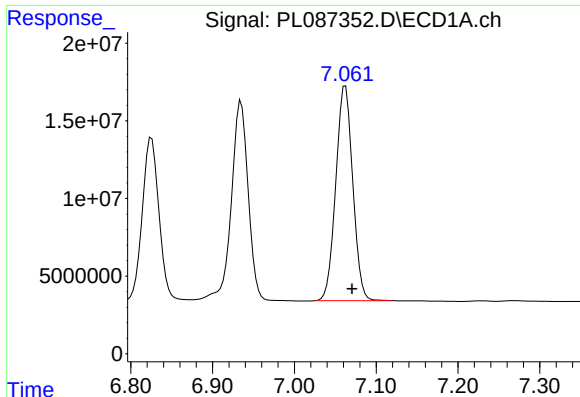
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.008 min
Response: 148386536
Conc: 51.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 67403612
Conc: 45.93 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 199072644
Conc: 50.70 ng/ml

Instrument :

ECD_L

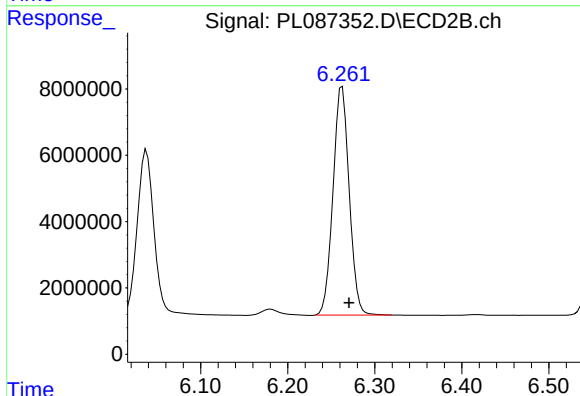
ClientSampleId :

PSTDCCC050

Manual Integrations

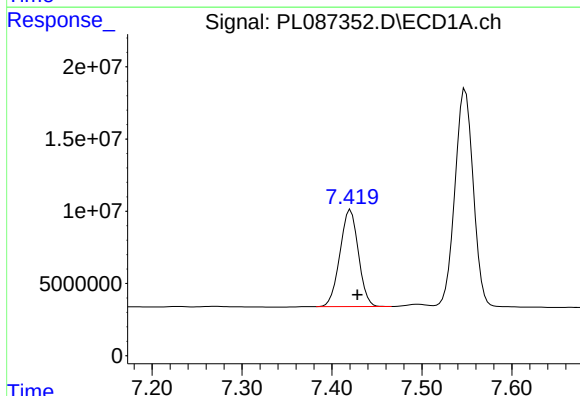
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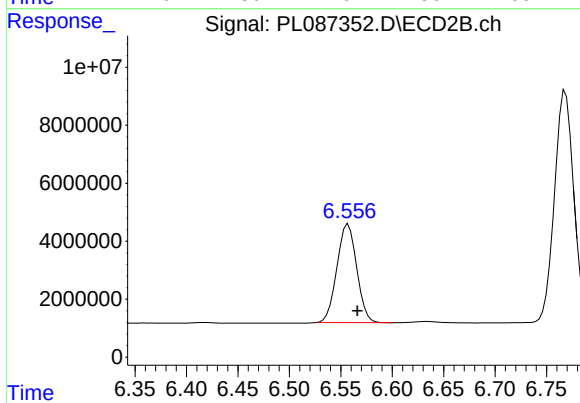
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 89173754
Conc: 47.34 ng/ml



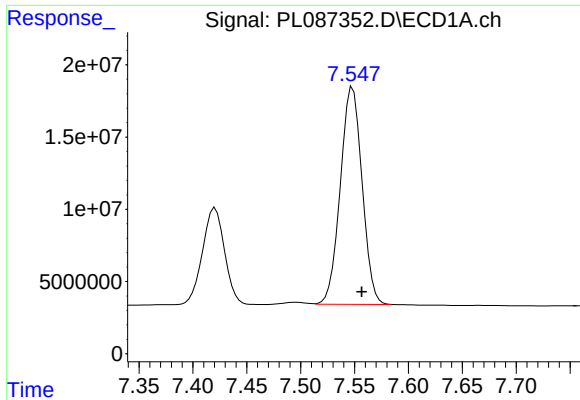
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 95655053
Conc: 49.06 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 45574067
Conc: 44.62 ng/ml



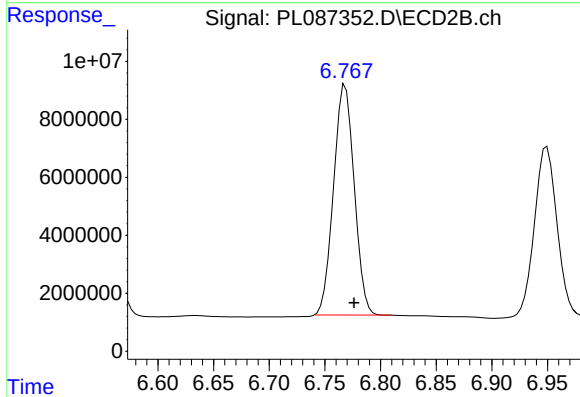
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 211484923
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

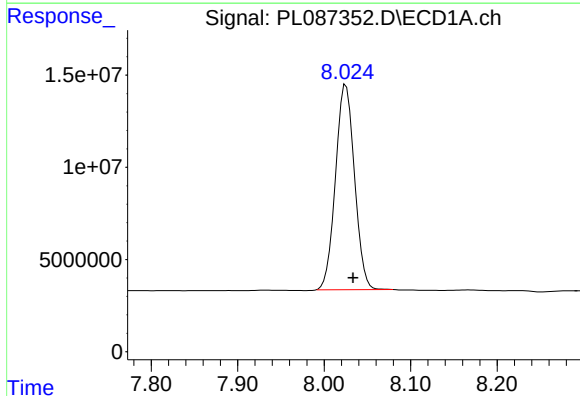
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2023
Supervised By :Ankita Jodhani 12/22/2023



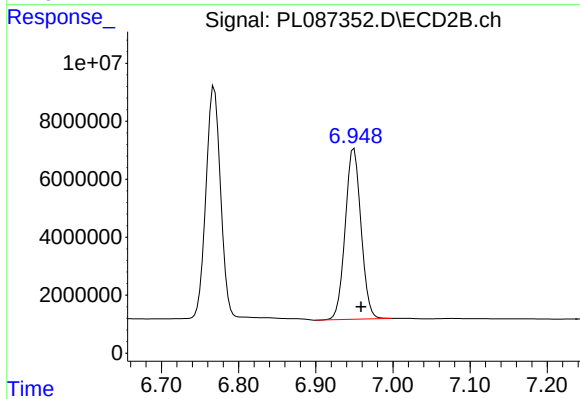
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.008 min
Response: 102835345
Conc: 48.31 ng/ml



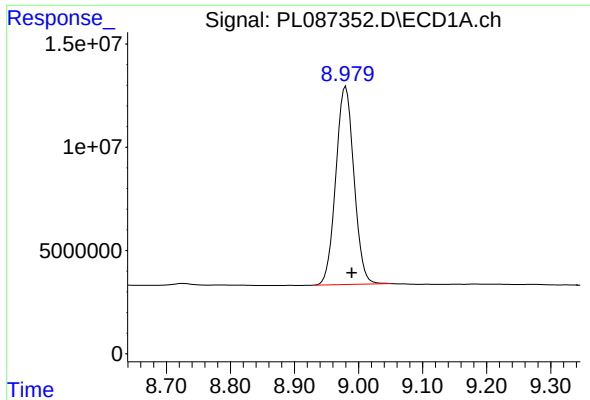
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.008 min
Response: 169278771
Conc: 50.26 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.009 min
Response: 83525234
Conc: 46.95 ng/ml



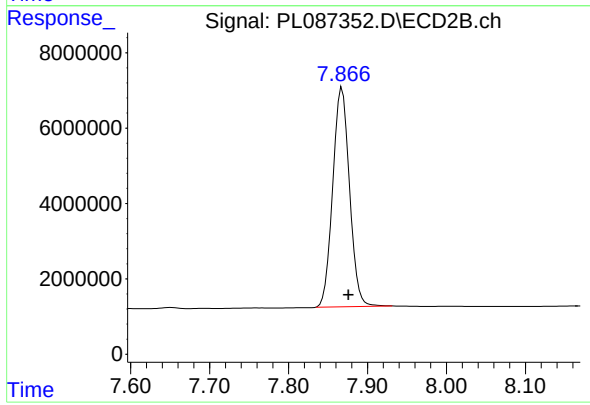
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 188619684
Conc: 55.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 85912133
Conc: 50.87 ng/ml